II. *A Catalogue of the* Eclipſes *of* Jupiter's Satellites, *for the Year* 1736. *computed to the Meridian of the* Royal Obſervatory *at* Greenwich, *by* James Hodgſon, *F. R. S. Maſter of the Royal Mathematical School in* Chriſt's Hoſpital, London.

ECLIPSES *of the firſt Satellite of* JUPITER.

D.	H.	M.	S.
		JANUARY.	
		Immerſions.	
		Jupiter and the Sun in Conjunction.	
27	10	20	4
29	4	48	33
30	23	17	3
		FEBRUARY.	
		Immerſions.	
1	17	45	38
3	12	14	15
5	6	42	51
7	1	11	32
8	19	40	14
10	14	8	58
12	8	37	44
14	3	6	30
15	21	35	22
17	16	4	12
19	10	33	3
21	5	1	56
22	23	30	50
24	17	59	46*
26	12	28	44
28	6	57	41
		MARCH.	
		Immerſions.	
1	1	26	40
2	19	55	40
4	14	24	39
6	8	53	40
8	3	22	42
9	21	51	43
11	16	20	44*
13	10	49	49
15	5	18	51
16	23	47	52
18	18	16	52
M.	H.	D.	S.
20	12	45	54
22	7	14	54
24	1	43	56
25	20	12	53
27	14	41	50
29	9	10	50
31	3	39	45
		APRIL.	
		Immerſions.	
1	22	8	41
3	16	37	36
5	11	6	30**
7	5	35	22
9	0	4	14
10	18	33	01
12	13	1	53
14	7	30	39
16	1	59	24
17	20	28	7
19	14	56	47*
21	9	25	26

ECLIPSES *of the firſt Satellite of* JUPITER.

D.	H.	M.	S.
23	3	54	4
24	22	22	41
26	16	51	16
28	11	19	48
30	5	48	21

MAY.

Immerſions.

2	0	16	50
3	18	45	20
5	13	13	45*
7	7	42	10
9	2	10	33
10	20	38	55
12	15	7	15*
14	9	35	34
16	4	3	50
17	22	32	5
19	17	0	21
21	11	28	34
23	5	56	46
25	0	24	56
26	18	53	8
28	13	21	21*
30	7	49	25

JUNE.

Immerſions.

1	2	17	34
2	20	45	43
4	15	13	50*
6	9	41	59
8	4	10	5
9	22	38	13
11	17	06	22
13	11	34	30*
15	6	2	39
17	0	30	50
18	18	59	0
20	13	27	11*
22	7	55	23
24	2	23	37
25	20	51	51
27	15	20	8*
29	9	48	27

JULY.

Immerſions.

1	4	16	45
2	22	45	9
4	17	13	32
6	11	41	57*
8	6	10	28
10	0	38	53
11	19	7	24
13	13	35	55*
15	8	4	32*
17	2	33	14
18	21	1	57
20	15	30	40*
22	9	59	25*
24	4	28	14

Emerſions.

24	6	45	13
26	1	14	4
27	19	42	56
29	14	11	48*
31	8	40	45*

AUGUST.

Emerſions.

2	3	9	47
3	21	38	50
5	16	7	53*
7	10	36	57
9	5	6	1
10	23	35	11
12	18	4	22
14	12	33	33*
16	7	2	48
18	1	32	2
19	20	1	19
21	14	30	36*
23	8	59	55
25	3	29	14
26	21	58	36
28	16	27	57*
30	10	57	21*

SEP-

Eclipses *of the first Satellite of* Jupiter.

D.	H.	M.	S.
		September.	
		Emerſions.	
1	5	26	46
2	23	56	10
4	18	25	34
6	12	55	0*
8	7	24	27
10	1	53	53
11	20	23	18
13	14	52	44
15	9	22	9*
17	3	51	33
18	22	20	55
20	16	50	19
22	11	19	40*
24	5	49	1
26	0	18	20
27	18	47	39
29	13	16	55*
		October.	
		Emerſions.	
1	7	46	10*
3	2	15	24
4	20	44	43
6	15	13	48
8	9	42	58*
10	4	12	5
11	22	41	10
13	17	10	15
15	11	39	15*
17	6	8	12
19	0	37	8
20	19	6	0
22	13	34	52
24	8	3	40*
26	2	32	28
27	21	1	8
29	15	29	47
31	9	58	26*
		November.	
		Emerſions.	
2	4	27	5
3	22	55	38
5	17	24	8
7	11	52	36
9	6	21	3
11	0	49	26
12	19	17	48
14	13	46	6
16	8	14	21*
18	2	42	35
19	21	10	46
21	15	38	55
23	10	7	3
25	4	35	7
26	23	3	11
28	17	31	13
30	11	59	16
		December.	
		Emerſions.	
2	6	27	16*
4	0	55	12
5	19	23	8
7	13	51	3
9	8	18	57*
11	2	46	51
12	21	14	46
14	15	42	41
16	10	10	36
18	4	38	32*
19	23	6	27
21	17	34	25
23	12	2	23
25	6	30	22*
27	0	58	23
28	19	26	24
30	13	54	29

Eclipses *of the second Satellite of* Jupiter.

D.	H.	M.	S.
		JANUARY.	
		Immerſions.	
		Jupiter and the Sun in Conjunction.	
25	2	49	26
28	16	7	8
		FEBRUARY.	
		Immerſions.	
1	5	24	59
4	18	42	55*
8	8	1	2
11	21	19	16
15	10	37	39
18	23	56	5
22	13	14	35
26	2	33	14
29	15	51	55
		MARCH.	
		Immerſions.	
4	5	10	40
7	18	39	29
11	7	48	18
14	21	7	9
18	10	25	57
21	23	44	46
25	13	3	30
29	2	22	12
		APRIL.	
		Immerſions.	
1	15	40	52*
5	4	59	28
8	18	17	59
12	7	36	25
15	20	54	45
19	10	12	54
22	23	30	58
26	12	48	59
30	2	6	49
		MAY.	
		Immerſions.	
3	15	24	37*
7	4	42	14
10	17	59	47
14	7	17	12
17	20	34	32
21	9	51	47
24	23	8	58
28	12	26	4*
		JUNE.	
		Immerſions.	
1	1	43	9
4	15	0	15*
8	4	17	18
11	17	34	18
15	6	52	25
18	20	8	35
22	9	25	45*
25	22	43	1
29	12	0	25*
		JULY.	
		Immerſions.	
3	1	17	56
6	14	35	33*
10	3	53	20
13	17	11	10
17	6	29	19
20	19	47	35
		Emerſions.	
24	11	59	54*
28	1	18	29
31	14	37	9*

ECLIPSES *of the ſecond Satellite of* JUPITER.

D.	H.	M.	S.
		AUGUST.	
		Emerſions.	
4	3	56	0
7	17	14	59
11	6	34	5
14	19	53	13
18	9	12	32*
21	22	31	54
25	11	51	23*
29	1	10	54
		SEPTEMBER.	
		Emerſions.	
1	14	30	31
5	3	50	11
8	17	9	55
12	6	29	36
15	19	49	15
19	9	8	51*
22	22	28	25
26	11	47	54*
30	1	7	18
		OCTOBER.	
		Emerſions.	
3	14	26	42
7	3	45	54
10	17	5	1
14	6	24	0*
17	19	42	48
21	9	1	24*
24	22	19	55
28	11	38	10
		NOVEMBER.	
		Emerſions.	
1	0	56	19
4	14	14	17
8	3	32	1
11	16	49	37
15	6	7	1*
18	19	24	7
22	8	41	22*
25	21	58	22
29	11	15	16
		DECEMBER.	
		Emerſions.	
3	0	32	6
6	13	48	47
10	3	5	27
13	16	22	6
17	5	38	47*
20	18	55	30
24	8	12	15
27	21	29	6
31	10	45	59

ECLIPSES *of the third Satellite of* JUPITER.

D.	H.	M.	S.
		JANUARY.	
		Immerſions.	
		Jupiter and the Sun in Conjunction.	
29	10	3	18
		FEBRUARY.	
		Immerſions.	
5	14	3	8
12	18	3	34*
19	22	4	26
27	2	5	49
		Emerſions.	
27	5	39	38
		MARCH.	
		Immerſions.	
5	6	7	15
12	10	8	56
19	14	10	48
26	18	12	19
		Emerſions.	
5	9	40	57
12	13	42	52
19	17	45	8
26	21	46	43
		APRIL.	
		Immerſions.	
2	22	13	45
10	2	14	52
17	6	15	35
24	10	15	48
		Emerſions.	
3	1	48	23
10	5	49	44
17	9	50	39
24	13	51	2*
		MAY.	
		Immerſions.	
1	14	15	46*
8	18	15	16
15	22	14	19
23	2	13	1
30	6	11	26
		Emerſions.	
1	17	51	8
8	21	50	44
16	1	49	53
23	5	48	41
30	9	47	12
		JUNE.	
		Immerſions.	
6	10	9	44
13	14	8	1*
20	18	6	34
27	22	5	14
		Emerſions.	
6	13	45	36*
13	17	43	57
		JULY.	
		Immerſions.	
5	2	4	35
12	6	4	27
19	10	5	4*
		Emerſions.	
		Jupiter and the Sun in Oppoſition.	
26	17	42	1

AUGUST.

ECLIPSES *of the third Satellite of* JUPITER.

D.	H.	M.	S.
		AUGUST.	
		Immerſions.	
		Jupiter and the Sun in Conjunction.	
		Emerſions.	
2	21	43	42
10	1	45	56
17	5	48	40
24	9	51	44*
31	13	55	7*
		SEPTEMBER.	
		Immerſions.	
7	14	23	34
14	18	27	26
21	22	31	9
29	2	34	34
		Emerſions.	
7	17	58	48
14	22	2	32
22	2	6	7
29	6	9	24*
		OCTOBER.	
		Immerſions.	
6	6	37	47*
13	10	40	28*
20	14	42	27
27	18	43	46
		Emerſions.	
6	10	12	15*
13	14	14	42
20	18	16	27
27	22	17	32
		NOVEMBER.	
		Immerſions.	
3	22	44	32
11	2	44	32
18	6	43	53*
25	10	42	39
		Emerſions.	
4	2	18	4
11	6	17	48*
18	10	16	51
25	14	15	17
		DECEMBER.	
		Immerſions.	
2	14	41	0
9	18	39	0
16	22	36	58
		Emerſions.	
2	18	13	16
9	22	10	54
17	2	8	28
24	6	6	11*
31	10	4	10

Eclipses *of the fourth Satellite of* Jupiter.

D.	H.	M.	S.		D.	H.	M.	S.
				January.				
	Immerſions.					Emerſions.		
28	9	32	6		28	14	17	8
				February.				
14	3	44	49		14	8	22	11
				March.				
1	21	57	2		2	2	34	58
18	16	9	29*		18	20	49	29
				April.				
4	10	21	9		4	15	2	53*
21	4	31	22		21	9	14	32
				May.				
7	22	40	8		8	3	24	44
24	16	47	16		24	21	32	30
				June.				
10	10	52	23*		10	15	38	1*
27	4	58	33		27	9	44	29*
				July.				
13	23	7	44			♃ ☉ ♂		
	♃ ☉ ♂				30	22	6	51
				August.				
16	11	36	52*		16	16	21	38
				September.				
2	5	54	56		2	10	39	2*
19	0	15	10		19	4	57	44
				October.				
5	18	35	0		5	23	16	0
22	12	51	24		22	17	30	28
				November.				
8	7	4	46*		8	11	41	38
25	1	15	2		25	5	49	18*
				December.				
11	19	22	37		11	23	54	5
28	13	30	42		28	17	58	58